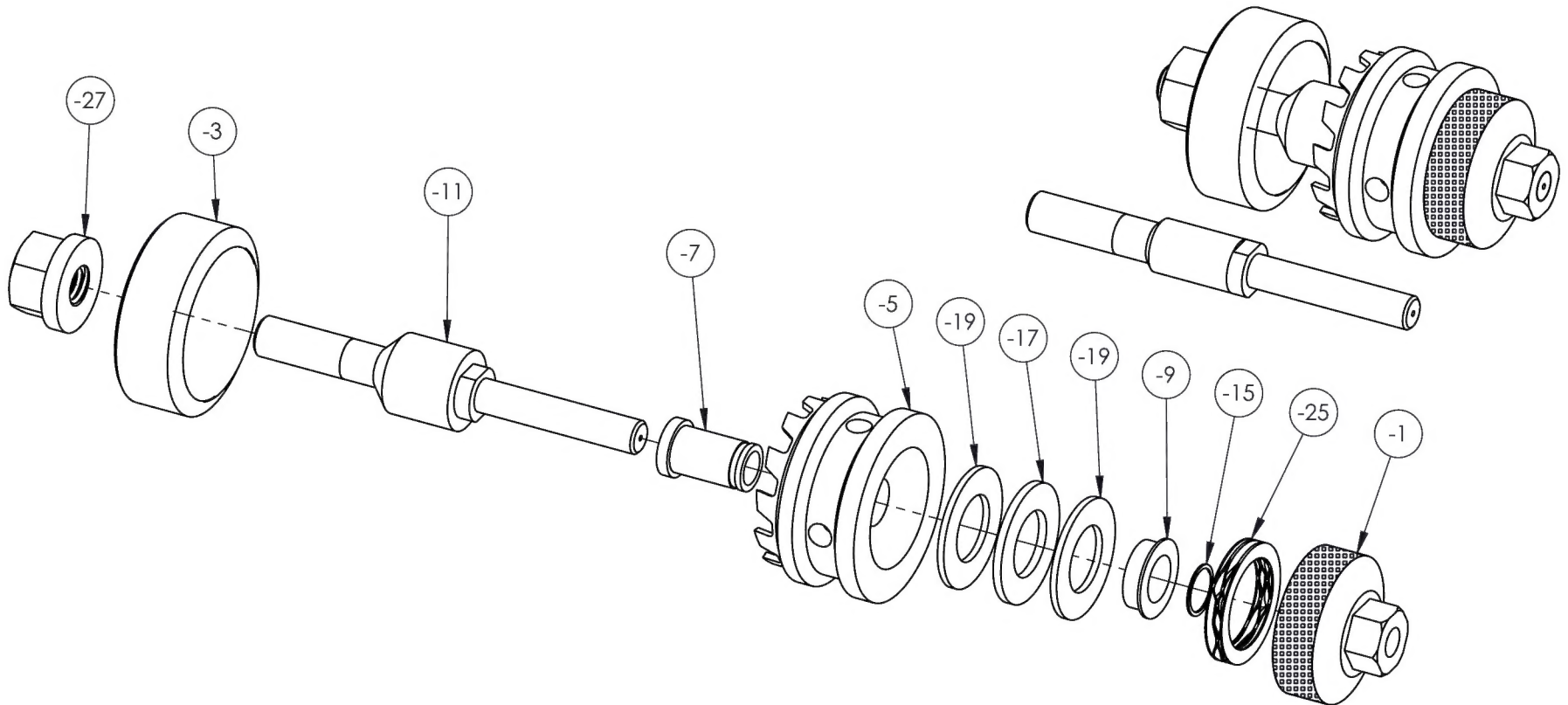


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	SHT 7 CH'D DIMENSION FROM .436/.432 TO .437 +.0/-0.005, ADDED REF DIMENSIONS	12/17/2012	JAG	



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	SPRING TENSIONER	1018	Ø1-1/2 X 1	2
			-3	1	SEAT	4140 Q & T	Ø1-3/4 X 3/4	3
			-5	1	CUTTER	0-1 DRILL ROD	Ø1-3/4 X 1-1/4	4
			-7	1	GUIDE	BRONZE	Ø5/8 X 1	5
			-9	1	BUSHING	BRONZE	Ø3/4 X 3/8	6
			-11A	1	STUD	4140 Q & T	Ø3/4 X 4	7
			-11B	1	STUD	4140 Q & T	Ø1/2 X 4	7
		B/O	-15	1	SPRIAL RETAINING RING	STEEL	Ø7/16 SHAFT MCMaster-CARR #91665A350	1
		B/O	-17	1	THRUST BEARING		Ø5/8 ID X 1-1/8 OD X 5/64 APPLIED #NTA-1018	1
		B/O	-19	2	THRUST WASHER		Ø5/8 ID X 1-1/8 OD X 1/16 APPLIED #TRB-1018	1
		B/O	-23	1	SPANNER WRENCH		Ø1-1/2 MCMaster-CARR #5475A13	NS
		B/O	-25	1	WAVE SPRING	STEEL	APPLIED SMALLEY RING CO # CS112-21	1
		B/O	-27	1	ROTATING FLANGE NUT	STEEL	3/8-16 MCMaster-CARR #90477A031	1
		B/O	-29	1	TOOTH GUARD (FOR SHIPPING ONLY)	VINYL	Ø1-9/16 ID X 5/8 LONG	NS

USAGE TABLE

BEARING #	STUD
X-XXXXXXXX	-11A
7-211527014	-11B

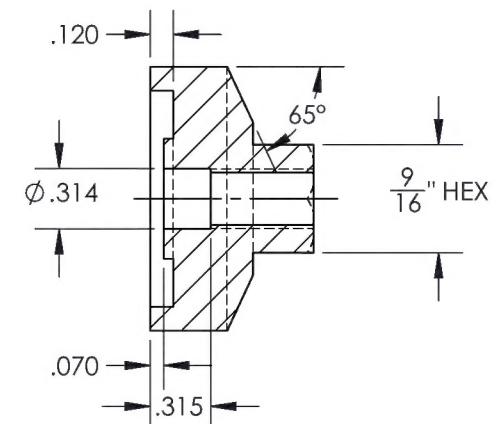
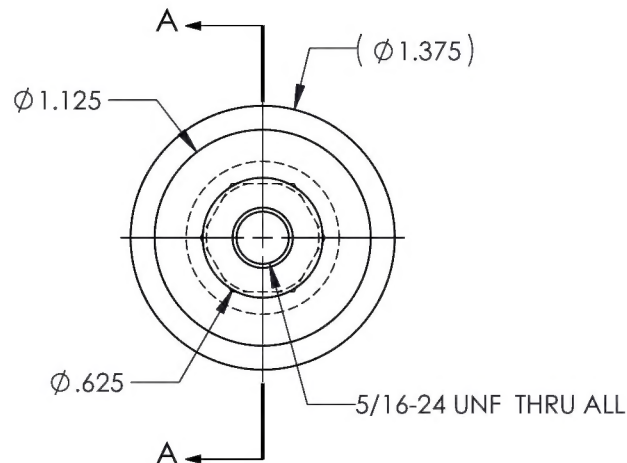
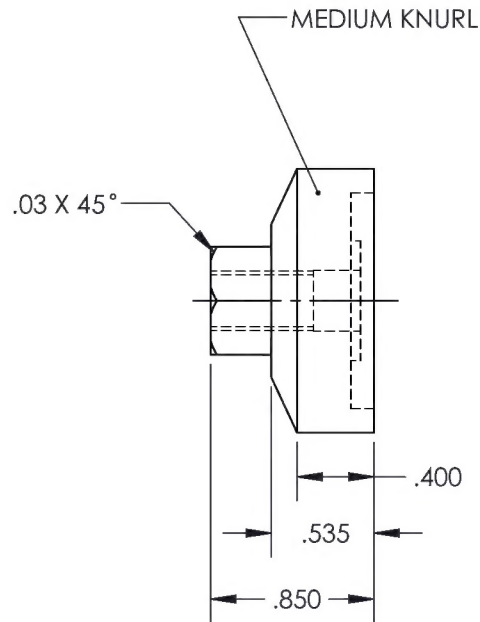
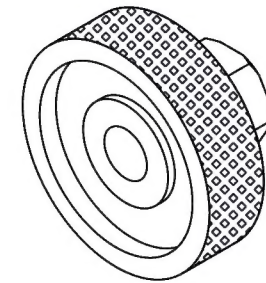
RED BARN MACHINE

PORTABLE BEARING CUTTERS

DWG NO.		RBSC7038-P		REV 1
MAT'L		DRAWN BY: GILBERT		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVED <i>D Weil</i>		
.XXX ± .005		HEAT		
.XX ± .01		TREAT		
.X ± .1		FINISH		
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		SPEC		
2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL		
SCALE 1:1.5		DATE 10/4/2012		SHEET 1 OF 7

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED



SECTION A-A

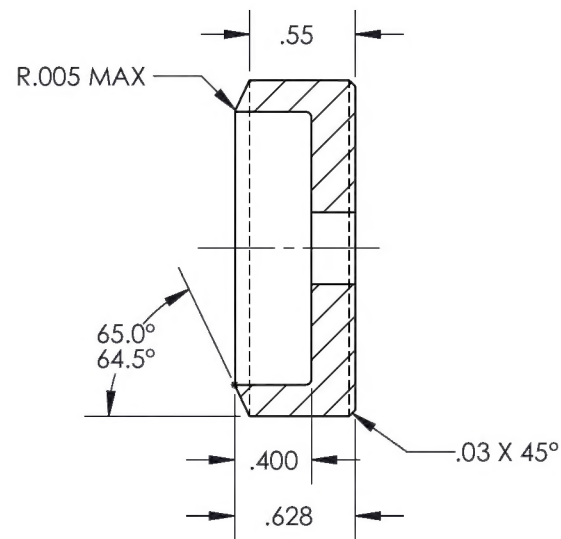
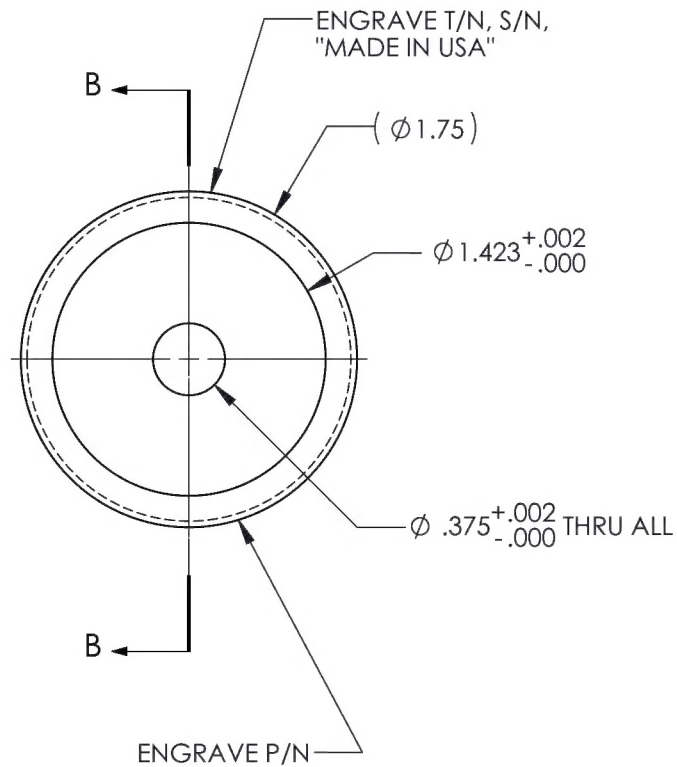
(-1)

SPRING TENSIONER

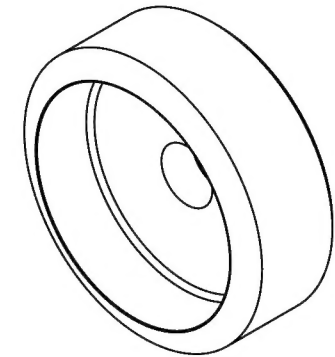
 RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO. RBSC7038-P-1	REV 1
MAT'L 1018 UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: GILBERT APPROVED: <i>D Weil</i> HEAT TREAT: FINISH: BLACK OXIDE SPEC: 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE 1:1	DATE 10/4/2012
SHEET 2 OF 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



SECTION B-B

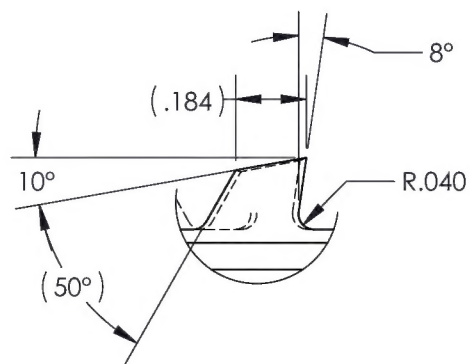
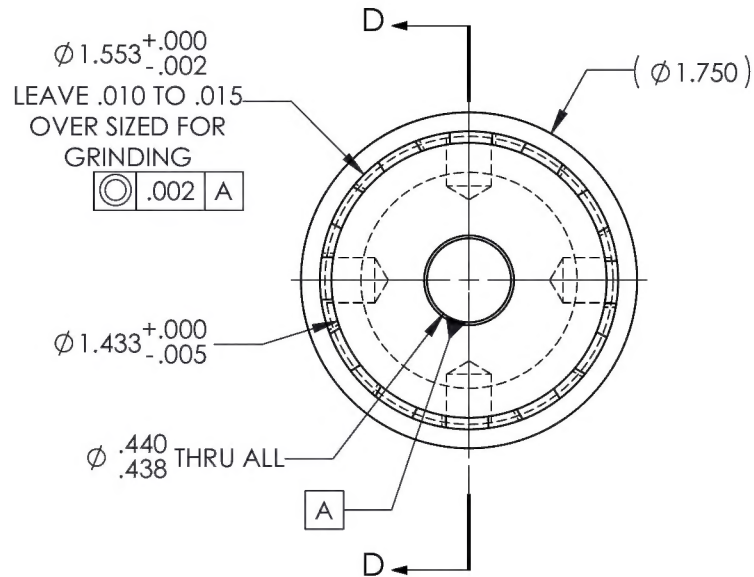


(-3)
SEAT

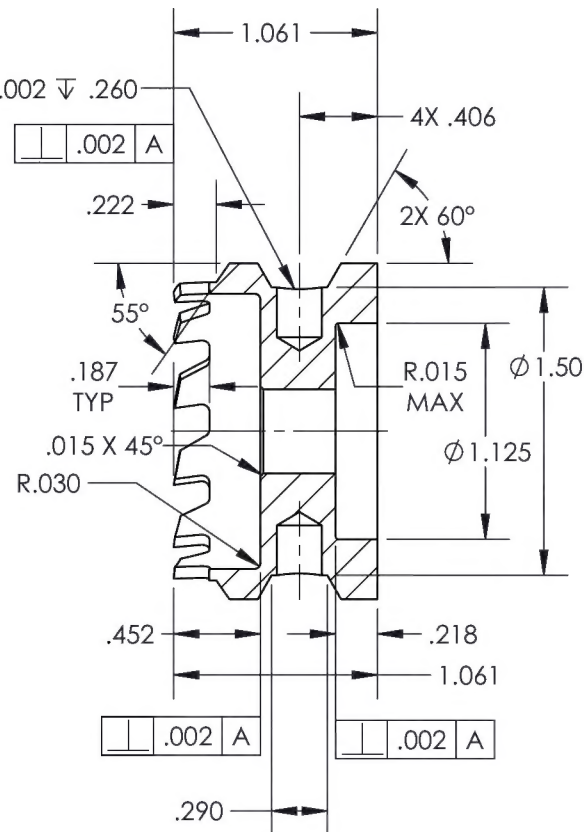
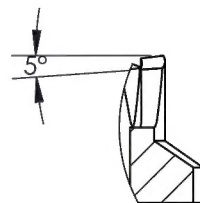
RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO. RBSC7038-P-3	REV 1
MAT'L 4140 Q & T	
DRAWN BY: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
APPROVED <i>D Weil</i>	
HEAT TREAT	
FINISH BLACK OXIDE	
SPEC	
USED ON MODEL	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 10/4/2012
SHEET 3 OF 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED

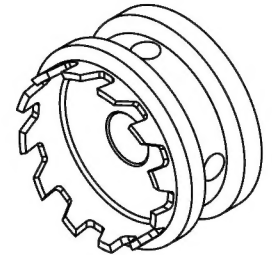


DETAIL VIEW
SCALE 2 : 1
TYP TO 12 TEETH



SECTION D-D

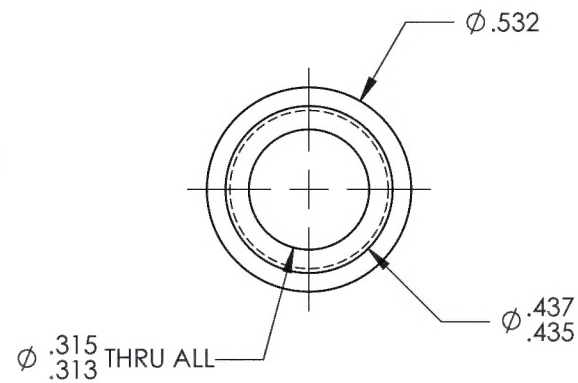
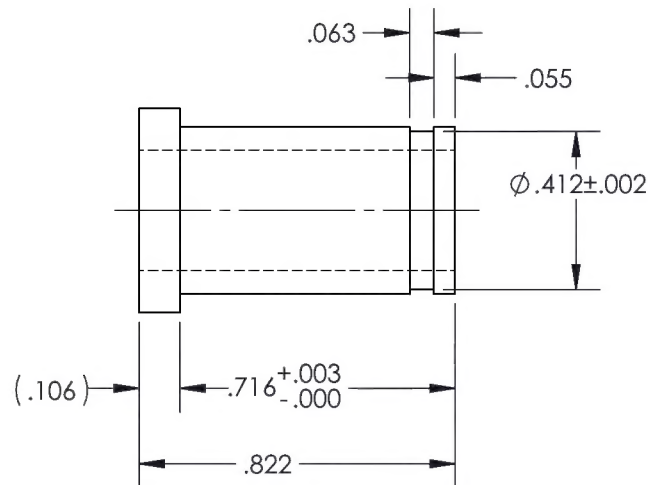
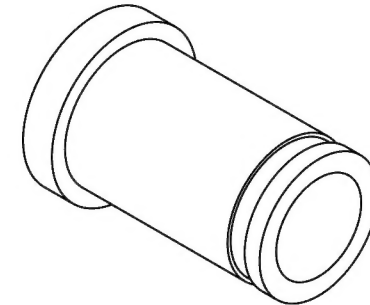
(-5)
CUTTER



RED BARN MACHINE	
PORTABLE BEARING CUTTER	
DWG NO.	REV 1
RBSC7038-P-5	
MAT'L 0-1 DRILL ROD	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT 55-60 HRC
.XX ± .01	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 10/4/2012
SHEET 4 OF 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

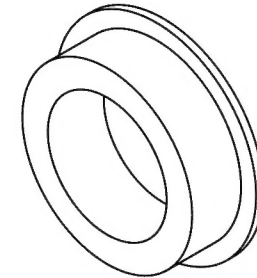
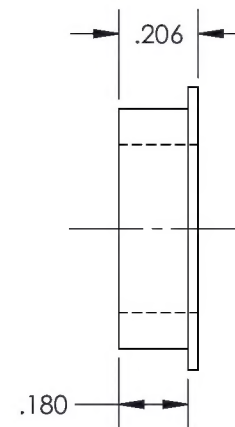
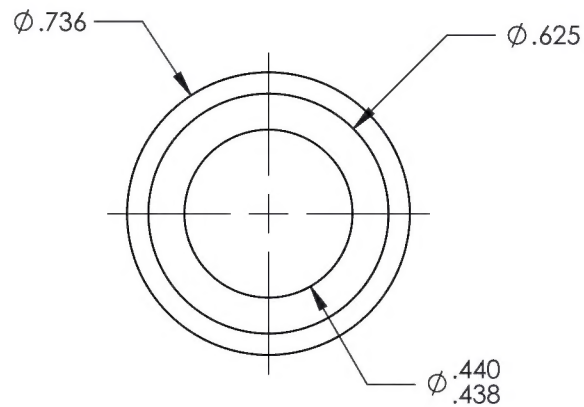


⑦
GUIDE


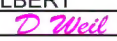
RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO. RBSC7038-P-7	REV 1
MAT'L BRONZE	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL
SCALE 2:1	DATE 10/4/2012
SHEET 5 OF 7	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
			APPROVED

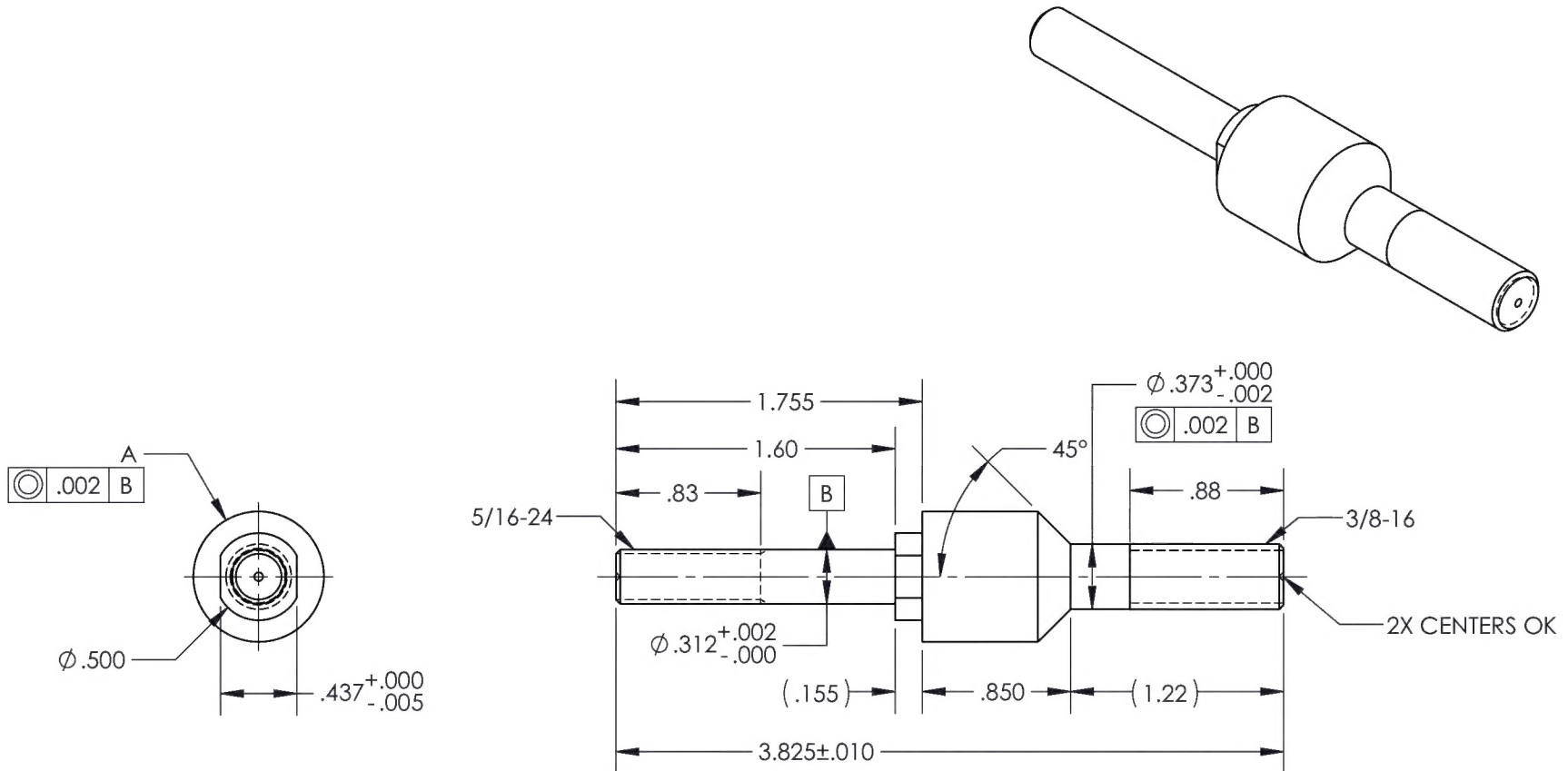


(-9)
BUSHING

 RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO. RBSC7038-P-9	REV 1
MAT'L BRONZE	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 .XX \pm .01 .X \pm .1 FRACTIONS \pm 1/32 ANGLES \pm 5°	APPROVED 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH SPEC USED ON MODEL
SCALE 2:1	DATE 10/4/2012
SHEET 6 OF 7	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D DIMENSION FROM .436/.432 TO .437 +.0/--.005, ADDED REF DIMENSIONS	12/17/2012	JAG	



(-11)

STUD

USAGE TABLE		
PART #	DIM A	USED WITH BEARING
-11A	Ø.748+.000/-0.002	X-XXXXXXX
-11B	Ø.498+.000/-0.002	7-211527014

RED BARN MACHINE	
TITLE PORTABLE BEARING CUTTER	
DWG NO. RBSC7038-P-11	REV 1
MAT'L 4140 Q & T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	APPROVED
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	HEAT TREAT FINISH BLACK OXIDE
SCALE 1:1	DATE 10/4/2012
SHEET 7 OF 7	USED ON MODEL